



SEQUENCE LISTING

<110> Haskell-Luevano, Carrie

<120> Novel Melanocortin Receptor Peptide Template for the Treatment of Obesity

<130> UF-375

<160> 43

<170> PatentIn version 3.2

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<223> Xaa = DPhe

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<222> (11)..(11)

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<223> Xaa in this location represents the cyclization of this peptide
(begin)

<220>
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<222> (5)..(5)
<223> Xaa = DPhe

<220>
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<222> (11)..(11)
<223> Xaa = diaminopropionic acid (Dpr)

<220>
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(end)

<400> 36

Tyr Xaa Asp His Xaa Pro Trp Asn Ala Phe Xaa Xaa Tyr
1 5 10

<210> 37
<211> 13
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<220>
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(begin)

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<220>
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(end)

<400> 37

Tyr Xaa Asp His Xaa Lys Trp Asn Ala Phe Xaa Xaa Tyr
1 5 10

<210> 38
<211> 13
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<220>
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 (end)

<400> 38

Tyr Xaa Asp His Xaa Arg Pro Asn Ala Phe Xaa Xaa Tyr
 1 5 10

<210> 39
 <211> 13
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<220>
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<220>

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<223> Xaa in this location represents the cyclization of this peptide
(end)

<400> 39

Tyr	Xaa	Asp	His	Xaa	Arg	Xaa	Asn	Ala	Phe	Xaa	Xaa	Tyr
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<210> 40

<211> 13

<212> PRT

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<220>

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<222> (2)..(2)

<223> Xaa in this location represents the cyclization of this peptide
(begin)

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<223> Xaa = DPhe

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<222> (7)..(7)

<223> Xaa = DNal(2')

<220>

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<222> (11)..(11)

<223> Xaa = diaminopropionic acid (Dpr)

<220>

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<222> (12)..(12)

<223> Xaa in this location represents the cyclization of this peptide
(end)

<400> 40

Tyr	Xaa	Asp	His	Xaa	Arg	Xaa	Asn	Ala	Phe	Xaa	Xaa	Tyr
1				5					10			

<210> 41

<211> 13
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(begin)

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<220>
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(end)

<400> 41

Tyr Xaa Asp His Xaa Arg Xaa Asn Ala Phe Xaa Xaa Tyr
1 5 10

<210> 42
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(end)

<400> 42

Tyr Xaa Asp His Xaa Arg Xaa Asn Ala Phe Xaa Xaa Tyr
1 5 10

<210> 43
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<220>
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(begin)

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<220>

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<223> Xaa in this location represents the cyclization of this peptide
(end)

<400> 43

Tyr	Xaa	Asp	His	Xaa	Arg	Trp	Asn	Ala	Xaa	Xaa	Xaa	Tyr
1				5				10				